



Form PTO-1449

TY. DOCKET NO.  
0505-1207PAPPLICATION NO.  
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APPLICANT  
Shinji TAKAYANAGI et alFILING DATE  
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## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | Kind | DATE       | NAME         | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|------|------------|--------------|-------|--------------|-------------------------------|
| EC                  | US 4,020,914    | A    | 1977-05-03 | TRAUTWEIN    |       |              |                               |
| EC                  | US 4,072,325    | A    | 1978-02-07 | BRIGHT et al |       |              |                               |
|                     | US              |      |            |              |       |              |                               |
|                     | US              |      |            |              |       |              |                               |
|                     | US              |      |            |              |       |              |                               |
|                     | US              |      |            |              |       |              |                               |
|                     | US              |      |            |              |       |              |                               |
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## FOREIGN PATENT DOCUMENTS

|    | Office | DOCUMENT<br>NUMBER | Kind | DATE       | COUNTRY | CLASS | SUB<br>CLASS | TRANSLATION |    |
|----|--------|--------------------|------|------------|---------|-------|--------------|-------------|----|
|    |        |                    |      |            |         |       |              | YES         | NO |
| EC | EP     | 0 626 307          | A1   | 1994-11-30 | EUROPE  |       |              |             | X  |
| EC | WO     | 02/44008           | A2   | 2002-06-06 | PCT     |       |              |             | X  |
|    |        |                    |      |            |         |       |              |             |    |
|    |        |                    |      |            |         |       |              |             |    |
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**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

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EXAMINER Eric Culbreth DATE CONSIDERED 9/15/05

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